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ATTY. DOCKET NO.
CI-0015

APPLN. SERIAL NO.
09/973 958

APPLICANT(S)

MARTIN J. MACPHEE, WILSON BURGESS, DAVID M. MANN, WILLIAM N. DROHAN, SHIRLEY L. MIEKKA, RANDALL KENT AND EDWARD HORTON

FILING DATE
October 11, 2002

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1744

U.S. PATENT DOCUMENTS

U.S. PATENT APPLICATION PUBLICATIONS

SEARCHED PUBLICATIONS						
*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS		

U.S. PATENT APPLICATIONS

	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	
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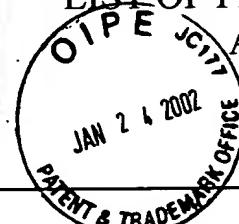
FOREIGN PATENT DOCUMENTS

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)

		Serial No., Examiner, Place of Publication, Etc.)
EXAMINER	L. McCane	DATE CONSIDERED
		9/22/03

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LIST OF PRIOR ART CITED BY
APPLICANT
(PTO-1449)



ATTY. DOCKET NO.
CI-0015

APPLN. SERIAL NO.
09/973,958

APPLICANT(S)

Martin J. MACPHEE, William BURGESS, David M. MANN,
William N. DROHAN, Shirley I. MIEKKA, Randall S. KENT
and Edward HORTON

FILING DATE
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EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	JAN 24 2002	FILING DATE
LM	RE. 23,195	02/1950	Arno Brasch			TC	1700
	2,832,689	04/1958	Bernard E. Proctor et al.				
	2,920,969	01/1960	E.S. Stoddard				
	2,962,380	11/1960	J.H. Wertheim				
	3,620,944	11/1971	Keiko Tanito				
	3,743,480	07/1973	John D. Falk				
	3,779,706	12/1973	Nablo				
	4,136,094	01/1979	Condie				
	4,251,437	02/1981	Rasmussen et al.				
	4,282,863	08/1981	Beigler et al.				
LM	4,330,626	05/1982	Blair et al.				

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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation
LM	2,056,619	10/1991	Canada			Yes
	0 310 316	04/1989	Europe			No
	0 334 679	09/1989	Europe			
	WO 90/00907	02/1990	PCT Int'l.			
	WO 91/16060	10/1991	PCT Int'l.			
LM	WO 95/03071	02/1995	PCT Int'l.			

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LM	AABB FDA Liaison Meeting, ABC Newsletter, December 12, 1997, pps. 14
LM	Tikvah Alper et al., The Exceptionally Small Size of the Scrapie Agent, 1966, pps. 278-284, Biochemical and Biophysical Research Communications, Vol. 22, No. 3

EXAMINER	DATE CONSIDERED
LM	9/22/03

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and Edward HORTONFILING DATE
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1744**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
LM	4,370,264	01/1983	Kotitschke et al.			JAN 28 2002
	4,409,105	10/1983	Hayashi et al.			TC 1700
	4,472,840	09/1984	Jefferies			
	4,620,908	11/1986	Van Duzer			
	4,933,145	06/1990	Uchida et al.			
	4,946,648	08/1990	Dichtelmüller et al.			
	4,963,356	10/1990	Calenoff et al.			
	5,000,951	03/1991	Bass et al.			
	5,106,619	04/1992	Wiesehahn et al.			
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LM	5,185,371	02/1993	Rubinstein			

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						Yes No

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LM	Tikvah Alper et al., Protection by Anoxia of the Scrapie Agent and Some DNA and RNA Viruses Irradiated as Dry Preparations, 1968, pps. 157-166, J. gen. Virol., Vol. 3
LM	Tikvah Alper et al., Does the Agent of Scrapie Replicate Without Nucleic Acid? May 20, 1967, pps. 764-766, Nature, Vol. 214
LM	Tikvah Alper et al., The Scrapie Agent: Evidence Against its Dependence For Replication on Intrinsic Nucleic Acid, 1978, pps. 503-516, J. gen. Virol., Vol. 41

EXAMINER	DATE CONSIDERED
L. McKane	9/22/03

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EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
LM	5,226,065	07/1993	Held et al.	7		JAN 28 2002
	5,362,442	11/1994	Kent			
	5,418,130	05/1995	Platz et al.			
	5,460,962	10/1995	Kemp			
	5,510,122	04/1996	Sreebny et al.			
	5,603,894	02/1997	Aikus et al.			
	5,609,864	03/1997	Shanbrom			
	5,637,451	06/1997	Ben-Hur et al.			
	5,712,086	01/1998	Horowitz et al.			
	5,730,933	03/1998	Peterson			
LM	5,817,528	10/1998	Böhm et al.			
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)						
LM	Michael L. Baldwin et al., Irradiation of Blood Components, 1992, pps. 1-78, American Association of Blood Banks					
LM	R.H. Bassin et al., Abrogation of Fv-1 ^b Restriction With Murine Leukemia Viruses Inactivated by heat or by Gamma Irradiation, May 1978, pps. 306-315, Journal of Virology, Vol. 26, No. 2					
LM	Guy Beauregard et al., Temperature Dependence of the Radiation Inactivation of Proteins, 1985, pps. 117-120, Analytical Biochemistry, Vol. 150					
EXAMINER	<i>L. McLean</i>		DATE CONSIDERED <i>9/22/03</i>			

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EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
LM	5,837,313	11/1998	Ding et al.			
	5,881,534	03/1999	Ahlqvist et al.			
	5,981,163	11/1999	Horowitz et al.			JAN 28 2002
	5,986,168	11/1999	Noishiki			
	6,046,024	04/2000	Burton et al.			RECEIVED
	6,049,025	04/2000	Stone et al.			
	6,066,626	05/2000	Yew et al.			
	6,087,141	07/2000	Margolis-Nunno et al.			
	6,120,592	09/2000	Brault et al.			
	6,159,490	12/2000	Deghenghi			
LM	6,171,549	01/2001	Kent			
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)						
LM	David R. Brown et al., Antioxidant Activity Related to Copper Binding of Native Prion Protein, 2001, pps. 69-76, Journal of Neurochemistry, Vol. 76					
LM	P. Brown, The Risk of Blood-Borne Creutzfeldt-Jakob Disease, 1999, pps. 53-59, Advances in Transfusion Safety Dev. Biol. Vol. 102					
LM	P. Brown et al., Further Studies of Blood Infectivity in an Experimental Model of Transmissible Spongiform Encephalopathy, With an Explanation of Why Blood Components Do Not Transmit Creutzfeldt-Jakob Disease in Humans, November/December 1999, pps. 1169-1178, Transfusion, Vol. 39					
EXAMINER <i>R. McKane</i>	DATE CONSIDERED <i>9/22/03</i>					

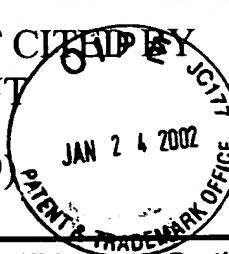
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EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE	<i>RECEI</i> <i>TC 170</i>
LM	6,187,572	02/2001	Platz et al.			02/01	
/	6,190,855	02/2001	Herman et al.				
/	6,197,207	03/2001	Chapman et al.				
/	6,214,534	04/2001	Horowitz et al.				
LM	6,235,508	05/2001	Sowemimo-Coker et al.				
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						Yes	No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)							
LM	Paul Brown et al., Effect of Chemicals, Heat, and Histopathologic Processing on High-Infectivity Hamster-Adapted Scrapie Virus, May 1982, pps. 683-687, The Journal of Infectious Diseases, Vol. 145, No. 5						
LM	P. Brown et al., The Distribution of Infectivity in Blood Components and Plasma Derivatives in Experimental Models of Transmissible Spongiform Encephalopathy, September 1998, pps. 810-816, Transfusion, Vol. 38						
LM	Derwent Publication AN - 111469, prior art.						
EXAMINER	<i>L. McNamee</i>			DATE CONSIDERED		<i>9/22/03</i>	

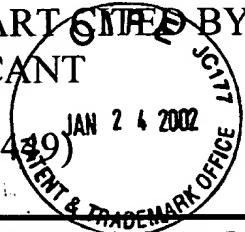
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)						
<i>LM</i>	Derwent Publication - AN 2159557, prior art.					
	Derwent Publication - AN 2526936, prior art.					
	P. Di Simplicio et al., The Reactivity of the SH Group of Bovine Serum Albumin With Free Radicals, 1991, pps. 253-262, Free Rad. Res. Comms., Vol. 14, No. 4					
	Duane C. Eichler et al., Radiation Inactivation Analysis of Enzymes, July 15, 1987, pps. 9433-9436, The Journal of Biological Chemistry, Vol. 262, No. 20					
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<i>LM</i>	H. Hiemstra et al., Inactivation of Human Immunodeficiency Virus by Gamma Radiation and its Effect on Plasma and Coagulation Factors, 1991, pps. 32-39, Transfusion, Vol. 31, No. 1					
EXAMINER <i>L. McCabe</i>	DATE CONSIDERED <i>9/22/03</i>					

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	Carol House et al., Inactivation of Viral Agents in Bovine Serum by Gamma Irradiation, 1990, pps. 737-740, Can. J. Microbiol., Vol. 36		
	E.S. Kempner et al., Size Determination of Enzymes by Radiation Inactivation, 1979, pps. 2-10, Analytical Biochemistry, Vol. 92		
	J.D. Keathley et al., Is There Life After Irradiation? Part 2: Gamma-Irradiated FBS in Cell Culture, July/August 1993, pps. 46-52, BioPharm		
	A.D. Kitchen, Effect of Gamma Irradiation on the Human Immunodeficiency Virus and Human Coagulation Proteins, 1989, pps. 223-229, Vox Sang, Vol. 56		
	Raymond Latarjet, Inactivation of the Agents of Scrapie, Creutzfeldt-Jakob Disease, and Kuru by Radiations, 1979, pps. 387-407, Slow Transmissible Diseases of the Nervous System, Vol. 2		
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	Douglas C. Lee et al., A Direct Relationship Between the Partitioning of the Pathogenic Prion Protein and Transmissible Spongiform Encephalopathy Infectivity During the Purification of Plasma Proteins, April 2001, pps. 449-455, Transfusion, Vol. 41		
	Susan F. Leitman, Use of Blood Cell Irradiation in the Prevention of Posttransfusion Graft-vs-Host Disease, 1989, pps. 219-232, Transfus. Sci., Vol. 10		
	Linda Marton et al., Disinfection and Inactivation of the Human T. Lymphotropic Virus Type III/Lymphadenopathy-Associated Virus, August 1985, pps. 400-403, The Journal of Infectious Diseases, Vol. 151, No. 2		
	S.I. Miekka et al., New Methods for Inactivation of Lipid-enveloped and Non-enveloped Viruses, 1998, pps. 402-408, Haemophilia, Vol. 4		
	Z. Mark Plavsic et al., Resistance of Porcine Circovirus to Gamma Irradiation, April 2001, pps. 32-36, BioPharm		
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UM	Elena Quaglio et al., Copper Converts the Cellular Prion Protein Into a Protease-resistant Species That Is Distinct From the Scrapie Isoform, April 6, 2001, pps. 11432-11439, The Journal of Biological Chemistry, Vol. 276, No. 14		
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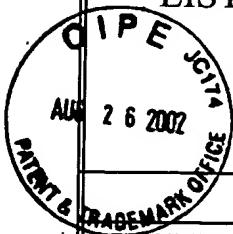
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	Ch. Baquey et al., Radiosterilization of Albuminized Polyester Prostheses, May 1987, pp. 185-189, <i>2002</i> , <i>Biomaterials</i> , Vol. 8
	Edward H. Bedrossian, Jr., HIV and Banked Fascia Lata, 1991, pp. 284-288, <i>Ophthalmic Plastic and Reconstructive Surgery</i> , Vol. 7, No. 4
	Liu Bingci, Mouse Antibody Response Following Repetitive Injections of Gamma-Irradiated human Placenta Collagen, June 1994, pp. 100-103, <i>Chinese Medical Sciences Journal</i> , Vol. 9, No. 2
	E.A. Borisov et al., Protein Degradation During Interphase Death of Thymocytes Induced by Radiation and Dexamethasone, 1990, pp. 519-521
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		APPLICANT(S) Martin J. MACPHEE, William BURGESS, David M. MANN, William N. DROHAN, Shirley I MIEKKA, Randall S. KENT and Edward HORN	RECEIVED TO 1700
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		FILING DATE October 11, 2001	GROUP 1744
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CI-0015APPLN. SERIAL NO.
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Martin J. MACPHEE, Wilson BURGESS, David M. MANN, William N. DROHAN, Shirl y.l. MIEKKA, Randall KENT and Edward MORTON

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